

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/500, 264
Source: JFWP
Date Processed by STIC: 02/06/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 02/06/2006

PATENT APPLICATION: US/10/500,264

TIME: 14:05:19

Input Set : A:\4121-168 Sequence Listing_122705.txt
 Output Set: N:\CRF4\02012006\J500264.raw

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3 <110> APPLICANT: Mahn, Andreas
4     Hantke, Sabine
5     Petsch, Dagmar
7 <120> TITLE OF INVENTION: Method of Increasing the Transgene-Coded Biomolecule Content
in
8     Organisms
10 <130> FILE REFERENCE: 4121-168
12 <140> CURRENT APPLICATION NUMBER: US 10/500,264
C--> 13 <141> CURRENT FILING DATE: 2004-06-18
15 <150> PRIOR APPLICATION NUMBER: PCT/EP02/14512
16 <151> PRIOR FILING DATE: 2002-12-18
18 <150> PRIOR APPLICATION NUMBER: EP 0 113 0319.5
19 <151> PRIOR FILING DATE: 2001-12-19
21 <160> NUMBER OF SEQ ID NOS: 6
23 <170> SOFTWARE: PatentIn version 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 4
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial
30 <220> FEATURE:
31 <223> OTHER INFORMATION: signal polypeptide
33 <400> SEQUENCE: 1
35 Lys Asp Glu Leu
36 1
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 6
41 <212> TYPE: PRT
42 <213> ORGANISM: Artificial
44 <220> FEATURE:
45 <223> OTHER INFORMATION: signal polypeptide
47 <400> SEQUENCE: 2
49 Ser Lys Asn Pro Ile Asn
50 1          5
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 26
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial
58 <220> FEATURE:
59 <223> OTHER INFORMATION: primer
61 <400> SEQUENCE: 3
62 tctagagatc atgagccggag aattaa
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 26
67 <212> TYPE: DNA

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68 <213> ORGANISM: Artificial
 70 <220> FEATURE:
 71 <223> OTHER INFORMATION: primer
 73 <400> SEQUENCE: 4
 74 actagtaatt cccatcttga aagaaaa 26
 77 <210> SEQ ID NO: 5
 78 <211> LENGTH: 843
 79 <212> TYPE: DNA
 80 <213> ORGANISM: Artificial
 82 <220> FEATURE:
 83 <223> OTHER INFORMATION: scFV-antibody
 85 <400> SEQUENCE: 5
 86 atggcttcca aacctttct atcttgctt tcacttcct tgcttctt tacaaggcaca 60
 88 tggtagcag ctgatgtgca gctggggag gcttagtgca gcctggaggg 120
 90 tcccgaaac ttcctgtgc agcctcttga ttcaacttca gtagcttgg aatgcactgg 180
 92 gttcggtcagg ctccagagaa ggggctggag tgggtcgcat atttagtag tggcagtagt 240
 94 accatctact atgcagacac agtgaaggcc cgattcacca tctccagaga caatcccaag 300
 96 aacaccctgt tcctgcaa at gaccagtcta aggtctgagg acacggccat gtattactgc 360
 98 gcaagagatt acggggctta ttggggccaa gggaccacgg tcaccgtctc ctcaggtgga 420
 100 ggcgggttcag gcgagggtgg ctctggcggt ggcgatcg acattgagct caccaggct 480
 102 ccagcaatca tgtctgcata tccagggag aaggtcacca tgacctgcag tgccagttca 540
 104 agtgtaaatg acatgaactg gttccaaacag aagtccaggca cctccccaa aagatggatt 600
 106 tatgacacat ccaaactgtc ttctggagtc cctgctcgct tcagtggcag tgggtctggg 660
 108 acctcttact ctctcacaat cagcagcatg gaggtgaag atgctgccac ttattactgc 720
 110 cagcagtgga gtagtaatcc actcaacttc ggtgctggga ccaagctgga gctgaaacgg 780
 112 gcccgcgcag aacaaaaact catctcagaa gaggatctga atggatccaa agacgaactc 840
 114 tag 843
 117 <210> SEQ ID NO: 6
 118 <211> LENGTH: 241
 119 <212> TYPE: PRT
 120 <213> ORGANISM: Artificial
 122 <220> FEATURE:
 123 <223> OTHER INFORMATION: scFv-antibody
 125 <400> SEQUENCE: 6
 127 Ala Ala Asp Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro
 128 1 5 10 15
 131 Gly Gly Ser Arg Lys Leu Ser Cys Ala Ala Ser Gly Phe Tyr Phe Ser
 132 20 25 30
 135 Ser Phe Gly Met His Trp Val Arg Gln Ala Pro Glu Lys Gly Leu Glu
 136 35 40 45
 139 Trp Val Ala Tyr Ile Ser Ser Gly Ser Ser Thr Ile Tyr Tyr Ala Asp
 140 50 55 60
 143 Thr Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr
 144 65 70 75 80
 147 Leu Phe Leu Gln Met Thr Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr
 148 85 90 95
 151 Tyr Cys Ala Arg Asp Tyr Gly Ala Tyr Trp Gly Gln Gly Thr Thr Val
 152 100 105 110
 155 Thr Val Ser Ser Gly Gly Ser Gly Gly Ser Gly Gly

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156 115 120 125
159 Gly Gly Ser Asp Ile Glu Leu Thr Gln Ser Pro Ala Ile Met Ser Ala
160 130 135 140
163 Ser Pro Gly Glu Lys Val Thr Met Thr Cys Ser Ala Ser Ser Ser Val
164 145 150 155 160
167 Arg Tyr Met Asn Trp Phe Gln Gln Lys Ser Gly Thr Ser Pro Lys Arg
168 165 170 175
171 Trp Ile Tyr Asp Thr Ser Lys Leu Ser Ser Gly Val Pro Ala Arg Phe
172 180 185 190
175 Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met
176 195 200 205
179 Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn
180 210 215 220
183 Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys Arg Ala Ala
184 225 230 235 240
187 Ala

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/06/2006
PATENT APPLICATION: US/10/500,264 TIME: 14:05:20

Input Set : A:\4121-168 Sequence Listing_122705.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/500,264

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TIME: 14:05:20

Input Set : A:\4121-168 Sequence Listing_122705.txt
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date